

PATENT SPECIFICATION



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189,127

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Complete Accepted: May 8, 1923.

COMPLETE SPECIFICATION.

Improvements in Surgical Drainage Appliances.

I, MANUEL HÉRANTE HANTCHER, of 12, rue de la Sorbonne, Paris, France, a citizen of the French Republic, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

It has been proposed, heretofore, to use for the drainage of wounds an india-rubber plug having ducts or grooves of angular cross section cut or formed in the sides thereof, for the outflow of secreted liquid.

An appliance of this kind is shown in Specification No. 105,038.

In my invention I use an appliance of this kind wherein the ducts are so shaped as to form acute angles at their bases, and are at this part sufficiently narrow to produce capillary effect, which improves the drainage and assists in preventing obstruction of the ducts by solid or semi-solid matter deposited therein.

The invention is illustrated in the annexed drawing, in which:

Fig. 1 is a perspective view of the improved appliance, and

Fig. 2 a cross section thereof.

A, A are triangular grooves which

form the draining ducts, the angles at the base being acute, for the purpose described.

B, B are the ribs which separate the ducts.

E is a central duct through the india-rubber plug. This central duct is of a size in proportion to the diameter of the drain ducts, which can vary between 5 and 30 millimeters.

The said central duct may be omitted.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

A drainage appliance for wounds, consisting of an indiarubber plug having at the periphery thereof a series of longitudinal drainage ducts so shaped as to form at their bases acute angles whereby said ducts are adapted to have a capillary effect when in the wound.

Dated this 14th day of November, 1922.

For the Applicant,
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[This Drawing is a full-size reproduction of the Original.]

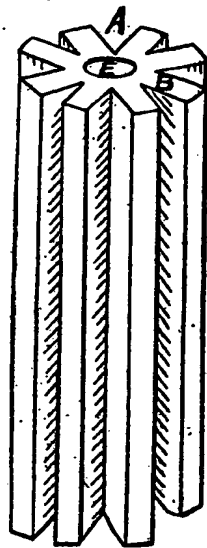


Fig. 1

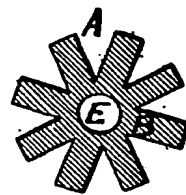


Fig. 2